

BruxZir® // Crown Dental Studio

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Shreveport, LA

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BruxZir® Total Zirconia Crowns are a new option for posterior restorations. With these virtually unbreakable all-ceramic crowns, you can provide your patients the strength to withstand severe parafunctional activity and avoid metal restorations. BruxZir is a full contoured zirconia crown or bridge with no porcelain overlay. It is glazed with a smooth surface but designed specifically for the posterior with more emphasis on brawn than beauty.

- Ideal for bruxers & grinders who have destroyed other restorations
  - An esthetic alternative to posterior PFMs with metal occlusals and full-cast crowns
  - Made with biocompatible medical-grade zirconia
  - Monolithic material makes the restoration completely chip-proof
  - Fabricated using CAD/CAM technology for consistent fit.
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- Resin reinforced glass ionomer cement
  - Resin cements for short or over-tapered preparations (Unicem, 3M ESPE)
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- Shoulder preparation not needed, feather edge is okay
  - It is a conservative preparation similar to full cast gold preps
  - 1.0 mm of occlusal space is ideal, however a prep with at least 0.5 mm is acceptable.
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- Use a fine grit diamond with water and air spray to keep the restoration cool and to avoid micro-fractures.
  - If using air only, the lightest touch possible to achieve result
  - Football shaped bur for occlusal and lingual of anterior teeth
  - Tapered bur for buccal and lingual surfaces
  - Always polish post-adjustment with porcelain polishing system
  - Recommended: Axis BruxZir Adjustment and Polishing Set LS-7579-available from your dealer.
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- Any shape fine grit diamond will work. Zircut diamonds (included in the Axis BruxZir Kit)
  - Use plenty of water. Firm pressure applied in repeated, short, on-off sequence.
  - Cut through the crown facial to lingual and use crown spreader. Pieces normally come off in large chunks.
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- D2740 Crown-Porcelain/Ceramic Substrate
  - D6245 Pontic Porcelain/Ceramic
  - D6740 Abutment Crown Porcelain/Ceramic



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